

**U.S. ENVIRONMENTAL PROTECTION AGENCY
PROGRESS POLLUTION REPORT**

I. HEADING

Date: February 20, 1995

From: Kevin Matheis, On-Scene-Coordinator,
USEPA, REGION II



To:

J. Fox, EPA	W. Muszynski, EPA
K. Callahan, EPA	G. Pavlou, EPA
R. Salkie, EPA	G. Zachos, EPA
J. Rotola, EPA	ERD, Washington, (E-Mail)
M. Randol, EPA	M. Basile, EPA N. Falls
E. Schaaf, EPA	E. Kissel, EPA
S. Becker, EPA	
I. Purdy, EPA-HWCB	J. Reidy, EPA-HWFB
R. Burns, EPA-OIG	M. O'Toole, NYSDEC
A. Rockmore, NYSDEC	F. Shattuck, NYSDEC IX
TAT	

Subject: Frontier Chemical Processes, Inc. (Tank Action), Niagara Falls, Niagara County, NY - Cyanides, Corrosives, Halogenated & Non-Halogenated Solvents

POLREP NO: Nine (9)

II. BACKGROUND

SITE/SPILL NO.:	CD
RESPONSE AUTHORITY:	CERCLA/SARA
NPL STATUS:	Non-NPL
CONSENT ORDER STATUS:	Signed by Regional Administrator
Effective Date:	July 11, 1994
Index Number:	II-CERCLA-94-0205
DE MINIMIS ORDER STATUS:	Signed by Regional Administrator
Effective Date:	December 15, 1994
Index Number:	II-CERCLA-94-0206
UNILATERAL ORDER STATUS:	Signed by Regional Administrator
Effective Date:	September 30, 1994
Index Number:	II-CERCLA-94-0224
	(Unilateral Order issued to non-consenting, non-de minimis PRPs)

III. RESPONSE INFORMATION

A. Actions Taken

1. Transportation of waste to CERCLA approved off-site disposal facilities continues. Attached to this POLREP is a table of shipments from January 10, 1995 through February 10, 1995. In addition, other miscellaneous wastes were also shipped off-site to various TSDFs. These consisted of 8,953 gallons of non/aqueous/aqueous liquids from

the fuels blending area to Petrochem, and 804 gallons of residual materials/rinseate from the S101 lime silo to CECOS.

2. During the month of January, 1994 until present, Cranbury/BB&L personnel continued operation of the Site wastewater treatment system. Rain water collected in the secondary containment areas and rinsates generated from tank and secondary containment cleaning were pumped through the on-site Calgon FP2 Cyclesorb treatment system to tanks T-1 and T-2. On January 15, 1995, Cranbury initiated a discharge of 100,000 gallons of wastewater from T-2 to the City of Niagara Falls POTW. Due to the elevated levels of constituents in the T-2 contents (with phosphorous as the limiting factor), the discharge was completed over a period of seven days. Prior to the discharge, BB&L received authorization from the City of Niagara Falls POTW.
3. On January 18, 1995, various tanks were inspected by the OSC, RAB Section Chief and the PRP Designated Coordinator. The following tanks were inspected and determined to be clean in accordance with the AOC: S101, T101, T113, T201, T202, T203, T206, T207, T210, TT249, and B-27 (drum wash). The following tanks were reinspected and determined to be cleaned: T101, T112, T307, and V-2. All tanks had been cleaned by DIS, a LES subcontractor, with high pressure water and surfactant.
4. During the period of January 22, 1995 through present tank contents were removed from tanks associated with the fuels blending areas. The sludges were containerized and sent off-site in closed-top roll-off boxes.

B. Future Actions

1. The PRP contractor group will continue the removal of waste materials from the site for disposal at CERCLA approved disposal facilities.
2. The PRP contractor group will continue decontamination operations on all tanks and piping.

C. Key Issues

Approximately \$1,000,000 has been collected by EPA from the De Minimis PRP settlement.

IV. COST INFORMATION:

The costs of the project are being borne by the PRPs under the AOC and de minimis order. The estimated costs of the project are anticipated to be approximately \$3.6 million. This figure does not represent past costs by EPA. The PRPs for the drum action are responsible for 50% of past costs incurred by EPA; the PRPs for the tank action are responsible for the other 50%.

TABLE 1

**Fuels Blending Sludges Shipped to LWD, Inc.
Frontier Chemical - Phase II Removal Action**

Tank I.D.	Date	Weight (lb.)	Manifest I.D.
T206	1/10	19,660	NYB4513509
T206/T210	1/12	24,000	NYB4189932
T205	1/14	20,660	NYB4189923
	1/17	23,000	NYB4189941
	1/17	22,180	NYB4189977
	1/19	22,340	NYB4189986
	1/20	15,880	NYB4189968

Summary of Waste Shipped to LWD, Inc.

Tank ID	Manifest No.	Date	Weight (lb.)
T205	NY B 281382 3	01/24/95	23300
T205	NY B 281384 1	01/25/95	22060
T205	NY B 281385 0	01/26/95	25480
T205	NY B 281387 7	01/30/95	25860
T205	NY B 281390 4	01/30/95	18400
T205	NY B 281388 6	02/01/95	29620
T205	NY B 281389 5	02/01/95	15180
T205	NY B 281391 3	02/02/95	23920
T205	NY B 281392 2	02/03/95	11240
T205	NY B 281386 8	02/03/95	22000

Summary of Piping/PPE Shipments to CWM

Manifest No.	Date	Volume (cu yd.)
NY B 709314 3	01/25/95	30
NY B 709313 4	01/25/95	20
NY B 710288 1	01/26/95	20